

CLAIMS:

5 1. An air-bag arrangement comprising an inflatable curtain formed from at least two super-imposed layers and having an attachment edge provided with a plurality of mounting elements for mounting the inflatable curtain in a vehicle cabin for deployment beside an interior surface of the vehicle cabin, with one layer being an inboard layer, and the other layer being an outboard layer, the

10 inflatable curtain also having a deployable edge spaced from the attachment edge, a gas-flow passage extending along the attachment edge, and between the attachment edge and the deployable edge an inflatable region which is divided into a plurality of cells by partitions extending substantially transversely relative to the axis of the gas-flow passage, the cells communicating with the

15 gas-flow passage, each mounting element being positioned intermediate an adjacent pair of partitions, the deployable edge of the inflatable curtain being movable from a stowed position to a deployed position by inflation of the inflatable region of the inflatable curtain, the inflatable curtain being at least partially rolled-up with its deployable edge within the roll, with the roll being

20 adjacent part of the outboard layer with the inboard layer of fabric forming the exterior of the roll.

25 2. An air-bag arrangement according to Claim 1 wherein the partitions are seams.

3. An air-bag arrangement according to Claim 2 wherein the seams are formed by stitching.

4. An air-bag arrangement according to Claim 2 wherein the air-bag is formed from one piece woven fabric, and the seams are formed integrally with the air-bag.

5 5. An air-bag arrangement according to Claim 2 wherein the seams are formed by adhesion.

6. An air-bag arrangement according to any one of the preceding Claims wherein the mounting elements are each located substantially centrally of a
10 respective adjacent pair of partitions.

7. An air-bag arrangement according to any of the preceding Claims wherein a portion of the outboard layer of the inflatable curtain extends from the attachment edge and then turns to join the roll.

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8. An air-bag arrangement according to any one of the preceding Claims wherein straps extend from spaced-apart points on the air-bag, each strap having a free end adapted to be secured to a respective anchoring point formed on the interior of the vehicle cabin.

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9. An air-bag according to any one of the preceding Claims wherein the air-bag is enclosed in a sleeve or housing.

25 10. An air-bag according to Claim 9 wherein parts of the air-bag extend through apertures formed in the sleeve or housing such that said parts protrude from the sleeve or housing.

11. An air-bag according to any one of the preceding Claims wherein the air-bag is connected to a gas generator.

12. A method of preparing an air-bag for a vehicle cabin for deployment beside an interior surface of the vehicle cabin, the air-bag comprising an inflatable curtain formed from at least two super-imposed layers and having an attachment edge provided with a plurality of mounting elements for mounting the inflatable curtain in a vehicle cabin for deployment beside an interior surface of the vehicle cabin, with one layer being an inboard layer, and the other layer being an outboard layer, the inflatable curtain also having a deployable edge spaced from the attachment edge, a gas-flow passage extending along the attachment edge, and between the attachment edge and the deployable edge an inflatable region which is divided into a plurality of cells by partitions extending substantially transversely relative to the axis of the gas-flow passage, the cells communicating with the gas-flow passage, each mounting element being positioned intermediate an adjacent pair of partitions, the deployable edge of the inflatable curtain being movable from a stowed position to a deployed position by inflation of the inflatable region of the inflatable curtain, the method comprising the steps of rolling at least part of the inflatable curtain with its deployable edge within the roll, with the roll being adjacent part of the outboard layer and with the inboard layer forming the exterior of the roll.

13. A method according to Claim 12 wherein the air-bag is folded such that a portion of the outboard layer of the inflatable curtain extends from the attachment edge and then turns to join the roll.

14. A method according to any one of the preceding Claims, the method further comprising the step of encasing the air-bag in a sleeve or housing.

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15. A method according to Claim 14 the method further comprising the step of locating parts of the air-bag to extend through apertures formed in the sleeve or housing such that said parts protrude from the sleeve or housing.

5 16. A method according to any one of Claims 12 to 15 the method further comprising the step of connecting the air-bag to a gas generator.